



## Tesco Liquitronic III Retrofit, with 3 Pump Controller

The L3X is a Direct replacement for TESCO LIQUITRONIC III Controller. Simple swap out in minutes. Uses the three pump controller to perform level monitoring with automatic pump control, alarm detection, and generation for a maximum of three individual pumps. Remote, real-time monitoring is provided with two built-in, full-handshake RS-232C communication ports. The Three Pump Controller is completely impervious to power failures and will continue controlling the process upon the restoration of power. No control programming is required. All of the advance pumps operating features are built-in and available in the system setup.



### Features

- Designed to easily replace TESCO LIQUITRONIC III on a dead front panel.
- Eight 10 amp relays with sealed contacts provide for output of common alarm, 3 pumps, high and low alarms, compressor and solenoid valve control.
- Built-in Reactive Air Pressure Transducer for reactive air level system control.
- Supports multiple Telemetry protocols and communication strategies.
- Integrated Operator Interface with complete menu system optimized for system operation and setup.
- Pump Up and/or Down control modules- Select from multiple preset pumping configurations.
- Automatic pump calls for lead, lag1 and lag2 pumps.
- Two and three pump automatic alternation with standby and low-flow pump selections.
- Backup pump calls with automatic insertion of next available pump should the lead or the lag pump become “unavailable”
- Pump interlocks to inhibit pump start calls on pump fails, A/C Phase fail, or the Sump/Tank Level Xducer Fail.
- Automatic purge cycles for TESCO Reactive Air Level System.
- Pump-Run Status, Over-Temp and HOA are all continuously monitored and reported.
- Built-in totalizers and Accumulation of data are stored for viewing and reporting on pump starts and pump runtime.
- All setpoints are labeled and easily configured from the operator interface panel.
- Scrolling alphanumeric Brite-Lite display with 60 LED annunciators.
- LEDs with nameplates for inputs, outputs and alarms.
- Built-in alarms, ISA SEQUENCE for High/Low Level, Pump Fail, Xducer Fail, A/C Phase Fail, and PLC Power Fail.
- Alarm recovery with LED indicators for acknowledgement and/or clearing.
- TESCO CONTROLS, INC. FLOWSOFT software calculates and reports on inflow rate, pump flow and station flow.
- Panel meets NEMA 4 standards and is designed to withstand the toughest industrial environments.